

ATTACHMENT - CLAIMS LISTING

Please cancel claim 11-26, 33 and 38-40 without prejudice or disclaimer.

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A coffee composition, comprising roast and ground coffee having levels of 3,7-dimethylocta-1,6-dien-3-ol of at least 6000 μgkg^{-1} of dried roast and ground coffee as measured in the roast and ground product using the measurement method of Likens.
2. (Original) The coffee composition of claim 1, wherein the levels of 3,7-dimethylocta-1,6-dien-3-ol in dry roast and ground coffee is at least 8000 μgkg^{-1} as measured using the Likens method.
3. (Original) The coffee composition of claim 1, wherein the levels of 3,7-dimethylocta-1,6-dien-3-ol in dry roast and ground coffee is at least 16,000 μgkg^{-1} as measured using the Likens method.
4. (Currently Amended) A method for manufacturing a coffee flavored beverage having enhanced in cup coffee brew flavor, said method comprising adding 3,7-dimethylocta-1,6-dien-3-ol to a roast and either whole bean or ground coffee to produce a final coffee product having the greater of (1) at least 25% higher level of 3,7-dimethylocta-1,6-dien-3-ol than the naturally occurring level of

3,7-dimethylocta-1,6-dien-3-ol in the whole bean or ground coffee or (2) at least 2000 μgkg^{-1} of 3,7-dimethylocta-1,6-dien-3-ol, both as measured using the Likens method.

5. (Currently Amended) The method of claim 4, wherein the final coffee product has levels of 3,7-dimethylocta-1,6-dien-3-ol in the final coffee product which is the greater of (1) at least 50% higher than the naturally occurring level of 3,7-dimethylocta-1,6-dien-3-ol in the whole bean or ground coffee or (2) at least 2000 μgkg^{-1} of 3,7-dimethylocta-1,6-dien-3-ol, both as measured using the Likens method.

6. (Currently Amended) The method of claim 4, wherein the final coffee product has levels of 3,7-dimethylocta-1,6-dien-3-ol in the final coffee product which is the greater of (1) at least 100% higher than the naturally occurring level of 3,7-dimethylocta-1,6-dien-3-ol in the whole bean or ground coffee or (2) at least 2000 μgkg^{-1} of 3,7-dimethylocta-1,6-dien-3-ol, both as measured using the Likens method.

7. (Original) The method of claim 4, wherein the 3,7-dimethylocta-1,6-dien-3-ol is added to whole bean coffee.

8. (Original) The method of claim 7, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises coating the whole bean with 3,7-dimethylocta-1,6-dien-3-ol dissolved in an oil carrier.

9. (Original) The method of claim 4, wherein the 3,7-dimethylocta-1,6-dien-3-ol is added to ground coffee.

10. (Original) The method of claim 9, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol dissolved in an oil carrier to the ground coffee.

11-26. (Cancelled)

27. (Previously Presented) The method of claim 4, wherein the 3,7-dimethylocta-1,6-dien-3-ol is in an encapsulated form.

28. (Currently Amended) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least $6000 \mu\text{gkg}^{-1}$ of the whole bean or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

29. (Currently Amended) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least $8000 \mu\text{gkg}^{-1}$ of the whole or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

30. (Currently Amended) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least $10,000 \mu\text{gkg}^{-1}$ of

the whole or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

31. (Previously Presented) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least $16,000 \mu\text{gkg}^{-1}$ of whole or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

32. (Previously Presented) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to a whole bean coffee.

33. (Cancelled)

34. (Currently Amended) A coffee composition comprising:
roast and ground coffee; and
encapsulated 3,7-dimethylocta-1,6-dien-3-ol,
wherein the 3,7-dimethylocta-1,6-dien-3-ol coating is at an amount such that when added to the 3,7-dimethylocta-1,6-dien-3-ol in the roast and ground coffee, the total 3,7-dimethylocta-1,6-dien-3-ol in the coffee composition is at least $2000 \mu\text{gkg}^{-1}$ or at least 25% greater than that in the roast and ground coffee, whichever is greater.

35. (Previously Presented) The coffee composition of claim 34, wherein the encapsulated 3,7-dimethylocta-1,6-dien-3-ol comprises maltodextrin, gum arabic, tricalcium phosphate and 3,7-dimethylocta-1,6-dien-3-ol.

36. (Currently Amended) A method for preparing coffee with elevated levels of 3,7-dimethylocta-1,6-dien-3-ol, said method comprising:

infusing green coffee with liquid or vapor form of 3,7-dimethylocta-1,6-dien-3-ol diluted in a carrier consisting of polar and/or non polar solvents, wherein the amount of 3,7-dimethylocta-1,6-dien-3-ol is added in an amount to increase the level of 3,7-dimethylocta-1,6-dien-3-ol by at least 25% or to 2000 ugkg⁻¹.

37. (Previously Presented) The method of claim 36, further comprising heating the green coffee and 3,7-dimethylocta-1,6-dien-3-ol between 20°C and 95°C for 15 minutes to 24 hours.

38-40. (Cancelled)

41. (Currently Amended) A coffee composition comprising:

roast whole bean coffee with a 3,7-dimethylocta-1,6-dien-3-ol coating, wherein the 3,7-dimethylocta-1,6-dien-3-ol coating is at an amount such that when added to the 3,7-dimethylocta-1,6-dien-3-ol in the bean, the total 3,7-dimethylocta-1,6-dien-3-ol is at least 2000 ugkg⁻¹ or at least 25% greater than that in the whole bean inside the coating, whichever is greater.

42. (New) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least $3000 \mu\text{gkg}^{-1}$ in the whole bean or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

43. (New) The method of claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least $4000 \mu\text{gkg}^{-1}$ in the whole bean or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.